Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/560,529

Examiner

Laura Tso

SAKAI ET AL.

Art Unit 2875

√ Rejected
= Allowed

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Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

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| Claim           |            | Date      |          |          |              |          |          |          |          |              |  |
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|                 | 6          |           |          |          |              |          |          |          |          |              |  |
|                 | 7          | Щ         |          |          |              | L        |          | _        | 匚        | _            |  |
| <u> </u>        | 8          | Ш         |          | _        | L-           |          | <u> </u> | <u> </u> | <u> </u> | <u> </u>     |  |
| <u> </u>        | 9          | Н.        | _        | <u> </u> | <u> </u>     | <u> </u> | _        | <u> </u> |          | _            |  |
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| -               | 12<br>13   | +         | _        | $\vdash$ | -            | H        | <u> </u> | -        | $\vdash$ | $\vdash$     |  |
|                 | 14         | Ш         |          |          |              | Г        | -        | $\vdash$ | $\vdash$ | _            |  |
|                 | 15         |           |          |          |              |          |          |          |          |              |  |
|                 | 16         | Ш         |          |          |              |          |          |          |          |              |  |
|                 | 17         | '         |          |          | L            |          |          |          |          |              |  |
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| -               | 19<br>20   | Н         |          | _        |              | <u> </u> |          |          | <u> </u> |              |  |
|                 | 21         |           |          |          |              | ┢        |          | <u> </u> | <u> </u> |              |  |
|                 | 21<br>22   |           |          | ├─       | _            | $\vdash$ |          |          |          | -            |  |
|                 | 23         |           | -        |          |              | 1        | $\vdash$ | $\vdash$ |          | _            |  |
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|                 | 25         |           |          |          |              |          |          |          |          |              |  |
| <u> </u>        | 26         |           |          |          |              |          |          |          |          |              |  |
|                 | 27         |           |          | L_       |              |          |          |          |          | L.,          |  |
|                 | 28         | -         |          | _        | _            | _        |          | _        |          |              |  |
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| $\vdash$        | 31         | $\dashv$  |          | _        | $\vdash$     | ┢┈       |          |          | ┝┈       |              |  |
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|                 | 33         |           |          |          | $\vdash$     | $\Box$   |          |          |          |              |  |
|                 | 34         |           |          |          |              |          |          |          |          |              |  |
|                 | 35         | $\square$ |          |          | L            |          |          |          |          |              |  |
|                 | 36         | $\square$ |          | _        |              |          |          | L.       |          |              |  |
| <u> </u>        | 37         | $\vdash$  |          |          | <u> </u>     | $\vdash$ | <u> </u> | _        |          | _            |  |
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| $\vdash$        | 41         | $\vdash$  |          |          | -            | Н        | $\vdash$ | _        |          |              |  |
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| $\vdash$        | 47<br>48   | $\dashv$  | -        | _        | _            | $\vdash$ |          | _        | _        | -            |  |
| $\vdash$        | 49         |           | $\dashv$ |          |              | -        | $\vdash$ | _        |          | $\dashv$     |  |
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| EE         EE< | Claim |          |          |          |          | - | Date         | e        |          |          |          |
|--|-------|----------|----------|----------|----------|---|--------------|----------|----------|----------|----------|
| 51       52         53       54         55       56         57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  |       |          |          |          | Γ        | П |              |          | Γ        | П        |          |
| 51       52         53       54         55       56         57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  | اهر   | ig.      |          | Ī        |          |   | l            |          |          |          |          |
| 51       52         53       54         55       56         57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  | iĒ,   | Ę        | l        |          |          | ĺ |              | ł        |          |          |          |
| 53       54         55       56         57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99   |       |          | L        |          | L        |   | L            | L        | L        | L        | LΙ       |
| 53       54         55       56         57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99   |       | 51       |          |          |          |   |              |          |          |          |          |
| 54   |       | 52       |          |          |          |   |              |          |          |          |          |
| 56       57         58       59         60       61         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  |       | 53       |          | L        |          |   | <u> </u>     |          | L        |          |          |
| 56       57         58       59         60       61         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  |       | 54       | _        | <u> </u> | _        |   | <u> </u>     | <u> </u> | <u> </u> |          | Ш        |
| 57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  |       | _55      |          | _        |          |   | $oxed{oxed}$ | _        |          |          | Ш        |
| 58       59         60       61         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  |       | 56       | _        | <u> </u> | _        |   |              | _        | L.       | <u> </u> | Ш        |
| 59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99       99  |       | 57       | <u> </u> | <u> </u> | _        |   | L            | _        | _        | _        | Ш        |
| 60 61 61 62 63 64 65 65 66 66 67 67 68 68 69 70 70 71 72 73 74 75 76 76 77 78 80 80 81 82 83 84 85 86 87 88 89 90 91 91 92 92 93 94 95 96 97 99 99 99 99 99 99 99 99 99 99 99 99   |       | 58       | ļ        | <u> </u> |          |   | ⊢            | <u> </u> | <u> </u> | <u> </u> | Н        |
| 61   |       | 59       | _        | <u> </u> |          |   |              | ⊢        | ┡        | <u> </u> |          |
| 62   |       | 60       | ┝        | <u> </u> | <u> </u> |   |              | _        | <u> </u> | <u> </u> | Н        |
| 64   65   66   67   68   69   70   71   72   73   74   75   76   77   78   79   80   81   82   83   84   85   86   87   88   89   90   91   92   93   94   95   96   97   98   99   99   99  |       | 63       | -        |          | _        |   | ├-           | ⊢        | ⊢        | ⊢        | ⊢┤       |
| 64   65   66   67   68   69   70   71   72   73   74   75   76   77   78   79   80   81   82   83   84   85   86   87   88   89   90   91   92   93   94   95   96   97   98   99   99   99  |       | 63       | -        |          |          | - |              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |
| 65   66   67   68   69   70   71   72   73   74   75   75   75   75   76   77   78   79   80   81   82   83   84   85   86   87   88   89   90   91   92   93   94   95   96   97   98   99   99   99   99   99   99   |       | 64       | -        |          | ┝        |   | -            |          |          | $\vdash$ | Н        |
| 66 67 68 68 69 70 70 71 71 72 73 74 75 75 76 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 99 99 99 99 99 99 99 99 99 99 99  |       | 65       |          | -        | ┢        | - | $\vdash$     | H        | $\vdash$ | ⊢        | Н        |
| 67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |       | 66       | -        | _        | ┝        | _ | $\vdash$     | -        |          | _        | Н        |
| 68 69 70 71 71 72 73 74 75 76 76 77 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97 98 99 99 99 99 99 99 99 99 99 99 99 99  |       | 67       |          |          | $\vdash$ |   | $\vdash$     |          |          | -        | H        |
| 69   |       | 68       | $\vdash$ |          | $\vdash$ |   | $\vdash$     |          |          |          | Н        |
| 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |       | 69       | _        |          | $\vdash$ | _ |              |          |          |          | H        |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |       | 70       |          |          |          |   |              |          |          |          |          |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |       | 71       |          |          |          |   |              |          |          |          |          |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |       | 72       |          |          |          |   |              |          |          |          |          |
| 76   |       | 73       |          |          |          |   |              | Г        | _        |          |          |
| 76   |       | 74       |          |          |          |   |              |          |          |          |          |
| 76   |       | 75       |          |          |          |   |              |          |          |          |          |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97  |       | 76       |          |          |          |   | L            |          |          |          |          |
| 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97   |       | 77       |          |          |          |   | L            | <u> </u> |          |          | Ш        |
| 80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>93<br>94<br>95<br>96<br>97   |       | 78       |          |          |          |   | L            |          |          |          |          |
| 81 82 83 84 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 99   |       | 79       |          |          |          |   |              | L_       | _        |          | Щ        |
| 82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>93<br>94<br>95<br>96<br>97   |       | 80       |          |          |          |   | _            |          |          |          | Ш        |
| 83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>93<br>94<br>95<br>96<br>97<br>98   |       | 81       | _        | -        | _        |   |              |          | <u> </u> |          | Щ        |
| 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 99   |       | 82       |          | -        |          |   |              | H        | <u> </u> |          | Н        |
| 85 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 99   |       |          | Н        |          | _        |   | -            |          | <u> </u> |          | Н        |
| 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 99  |       | 95<br>85 | $\vdash$ | $\vdash$ | <b>—</b> |   | $\vdash$     | $\vdash$ | $\vdash$ | _        | $\vdash$ |
| 87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |       | 86       | _        | $\vdash$ |          |   |              | H        | -        |          | $\vdash$ |
| 89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |       | 87       |          |          | _        |   |              | H        | H        | _        | Н        |
| 89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |       | 88       | _        | -        |          |   | $\vdash$     |          | -        | _        | Н        |
| 90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |       | 89       | _        | _        |          |   | -            |          |          | -        | H        |
| 91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |       | 90       | _        |          | -        | _ |              |          |          | -        | $\vdash$ |
| 92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |       |          | Н        | $\neg$   |          |   | _            |          |          |          |          |
| 93<br>94<br>95<br>96<br>97<br>98<br>99   |       | 92       |          | H        |          |   |              |          | П        |          | П        |
| 94<br>95<br>96<br>97<br>98<br>99   |       | 93       |          |          |          |   |              |          |          |          |          |
| 96<br>97<br>98<br>99   |       | 94       |          |          |          |   |              |          |          |          |          |
| 96<br>97<br>98<br>99   |       | 95       |          |          |          |   |              |          |          |          |          |
| 98 99  |       | 96       |          |          |          |   |              |          |          |          |          |
| 99   |       |          |          |          |          |   |              |          |          |          |          |
|  | ]     |          |          |          |          |   |              |          |          |          |          |
| 100  |       |          |          |          |          |   |              |          |          |          |          |
| · <del>-</del>   |       | 100      |          |          |          |   |              |          |          | _        |          |

| Claim           |                                 | Date |          |          |          |              |              |               |          |                 |  |
|-----------------|---------------------------------|------|----------|----------|----------|--------------|--------------|---------------|----------|-----------------|--|
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|                 | 101                             | _    | ┢        |          |          |              | H            | ┪             | $\vdash$ | H               |  |
| $\vdash$        | 101<br>102                      | _    | -        |          |          | $\vdash$     | -            | $\vdash$      | $\vdash$ | Н               |  |
| <u> </u>        | 103                             |      | $\vdash$ | ├─       | $\vdash$ |              | ├-           | ⊢             | -        | Н               |  |
|                 | 103                             |      | $\vdash$ | ⊢        | $\vdash$ | -            | ⊢            | ⊢             | $\vdash$ | Н               |  |
|                 | 104<br>105                      | _    | -        | ⊢        | $\vdash$ | ⊢            | ⊢            | ⊢             | $\vdash$ | Н               |  |
|                 | 106                             |      | _        | _        | $\vdash$ | -            |              | $\vdash$      |          | H               |  |
|                 | 100                             | _    | <u> </u> | $\vdash$ | ⊢        | -            | ⊢            | ⊢             | ┢        | Н               |  |
|                 | 107                             | -    | ⊢        | $\vdash$ | ⊢        |              | ⊢            | -             | <u> </u> | H               |  |
| -               | 108                             |      | _        | <u> </u> |          | <del> </del> | ├—           | <u> </u>      | ├        | Н               |  |
|                 | 109                             |      | L        | _        | <u> </u> | ╙            | <u> </u>     | _             | _        | Ш               |  |
| <u> </u>        | 110                             |      | <b> </b> | <u> </u> | <u> </u> | $\vdash$     | <u> </u>     | <u> </u>      | $\vdash$ | Ш               |  |
|                 | 111                             |      | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | <u> </u>     |               | <u> </u> | Ш               |  |
|                 | 112<br>113                      |      | $\vdash$ | <u> </u> | ļ        | <u> </u>     |              | <u> </u>      | L        | $\sqcup$        |  |
| L               | 113                             |      | <u> </u> |          | <u> </u> | <u> </u>     | <u> </u>     | _             |          | Ш               |  |
| Щ               | 114                             |      | L.       | <u> </u> | <u> </u> | <u> </u>     |              | <u> </u>      |          | Ш               |  |
|                 | 115                             |      |          |          |          | <u> </u>     | <u> </u>     |               |          | Ш               |  |
|                 | 116                             |      |          |          |          | L.           |              | L             |          | $ldsymbol{f L}$ |  |
|                 | 117                             |      |          |          | L        | L            | L            | L             | Ĺ        |                 |  |
|                 | 117<br>118                      |      |          |          |          |              |              |               |          |                 |  |
|                 | 119                             |      |          |          |          |              |              |               |          | П               |  |
|                 | 120<br>121<br>122               |      |          |          |          | <u> </u>     |              |               | l        |                 |  |
|                 | 121                             |      |          |          |          |              |              |               |          |                 |  |
|                 | 122                             |      |          |          |          | Г            |              |               | Г        |                 |  |
|                 | 123                             |      |          | _        | T-       |              |              | T             |          | П               |  |
|                 | 123<br>124<br>125<br>126<br>127 |      | -        | _        | -        |              |              |               |          | П               |  |
|                 | 125                             | _    |          | $\vdash$ | -        | $\vdash$     | _            | ╌             | $\vdash$ | H               |  |
|                 | 126                             |      |          | $\vdash$ |          | $\vdash$     |              |               | $\vdash$ | H               |  |
|                 | 127                             |      |          | $\vdash$ | $\vdash$ |              |              | ┢             | $\vdash$ |                 |  |
|                 | 128                             | _    |          | H        | -        |              | -            | <del> </del>  |          |                 |  |
|                 | 128<br>129                      |      |          | <u> </u> |          | -            | $\vdash$     |               | $\vdash$ | $\vdash$        |  |
| -               | 130                             |      |          | H        | <u> </u> | _            | -            | _             | ⊢        | $\vdash$        |  |
| -               | 130                             |      |          | <u> </u> | _        | -            | -            | <del> </del>  |          | -               |  |
| $\vdash$        | 131<br>132                      |      | _        | ⊢        | _        | <u> </u>     | -            | _             | ⊢        | $\vdash$        |  |
|                 | 132                             |      | <u> </u> | $\vdash$ | <u> </u> | $\vdash$     | $\vdash$     | $\vdash$      | $\vdash$ | $\vdash$        |  |
|                 | 133                             |      | -        | $\vdash$ | <u> </u> | <u> </u>     | $\vdash$     | $\vdash$      | <u> </u> | $\vdash$        |  |
| <u> </u>        | 134                             |      | _        | H        | <u> </u> | $\vdash$     | <u> </u>     | $\vdash$      | <u> </u> | Щ               |  |
| $\vdash$        | 135                             |      | _        | _        |          | <u> </u>     | L            |               | <u> </u> |                 |  |
| $\vdash$        | 136                             |      | Ь.       | $\vdash$ | <u> </u> | <u> </u>     | $\vdash$     |               | _        | Ш               |  |
|                 | 137                             |      | _        |          | _        | _            | <u> </u>     |               | L        | Щ               |  |
| ш               | 138                             |      |          |          |          | _            |              | _             | _        | Ш               |  |
| $\sqcup \sqcup$ | 139                             |      | Ь.       | Ш        | L.,      | <u> </u>     | <u> </u>     | L             |          | Щ               |  |
|                 | 140                             |      | L        |          |          |              | _            | L.            | L.       | Ш               |  |
| $\bigsqcup$     | 141                             |      |          |          |          |              | $oxed{oxed}$ | Ш             |          | Ш               |  |
| L]              | 142                             |      |          |          |          | تـــا        | L            |               |          |                 |  |
| L7              | 143                             |      |          |          |          |              |              |               |          |                 |  |
|                 | 144                             |      |          |          |          |              |              |               |          |                 |  |
|                 | 145                             |      |          |          |          |              |              |               |          |                 |  |
|                 | 146                             |      |          |          |          | П            | Г            |               |          | П               |  |
|                 | 147                             |      |          |          |          |              |              |               |          | П               |  |
|                 | 148                             |      |          |          |          |              | $\vdash$     | $\overline{}$ | М        | Н               |  |
|                 | 149                             |      | $\vdash$ |          | $\vdash$ |              | Т            |               |          | Н               |  |
| $\vdash$        | 150                             | -    | $\vdash$ | _        | Н        | -            | -            | -             | $\vdash$ | Н               |  |
|                 | 130                             |      |          | L        |          | ш.           |              |               |          | ш               |  |